

I claim:

1. A post for use adjacent roadways for supporting an object, the post comprising:

a hollow, continuous sleeve formed of thermoplastic resin, the sleeve

5 having an interior surface; and

a continuous core disposed within the sleeve and generally

coextensive with the interior surface of the sleeve, the core being formed at least partially of recycled crumb rubber.

2. The post according to claim 1 wherein the sleeve and core are circular  
10 in cross-section and the core is hollow.

3. The post according to claim 1 wherein the thermoplastic resin is high-density polyethylene.

4. The post according to claim 1 wherein the core is formed of at least 10% by weight recycled crumb rubber, the balance being recycled  
15 thermoplastic resin.

5. The post according to claim 1 wherein the core is formed of at least 20% by weight recycled crumb rubber, the balance being recycled thermoplastic resin.

6. The post according to claim 1 wherein the object is a highway sign  
20 having an area of less than 10 square feet.

7. The post according to claim 1 wherein the sleeve and core are co-extruded.
8. The post according to claim 1 wherein the post has crash properties conforming to NCHRP Report 350.

9. A post for use adjacent roadways for supporting an object, the post comprising:

a continuous sleeve formed of thermoplastic resin that is circular in cross-section and has an interior surface; and

5 a continuous hollow core disposed within the sleeve and generally coextensive with the interior surface of the sleeve, the core being formed of a polymer having a composition including at least 10% by weight recycled crumb rubber.

10 10. The post according to claim 9 wherein the thermoplastic resin is high-density polyethylene.

11. The post according to claim 9 wherein the polymer contains at least 20% by weight recycled crumb rubber, the balance being recycled thermoplastic resin.

15 12. The post according to claim 9 wherein the object is a highway sign having an area of less than 10 square feet.

13. The post according to claim 9 wherein the sleeve and core are co-extruded.

14. The post according to claim 9 wherein the post has crash properties selected to conform to NCHRP Report 350.

20 15. The post according to claim 11 wherein the sleeve and core are

RIKE 02908 PTUS

circular in cross-section.

16. A post for use adjacent roadways, the post comprising:

a hollow sleeve formed of high-density polyethylene that is circular in cross-section and has an interior surface;

a core disposed within the sleeve and generally coextensive with the interior surface of the sleeve, the core being formed of a polymer having a composition including:

at least 10% by weight recycled crumb rubber; and

the balance a low-melt-index polyethylene;

wherein the sleeve and core are co-extruded together to form a continuous post having generally uniform mechanical properties along its length.

17. The post according to claim 16 wherein the post has crash properties selected to conform to NCHRP Report 350.

18. The post according to claim 16 wherein the polymer contains at least 20% by weight recycled crumb rubber, the balance being low-melt-index recycled polyethylene.

19. The post according to claim 16 wherein the post supports a highway sign having an area of less than 10 square feet.

20. The post according to claim 16 wherein the sleeve and core are circular in cross-section and the core is hollow.